

AMENDMENTS TO THE CLAIMS

1. (Original) A fructosylamine oxidase derived from *Fusarium proliferatum*.
2. (Original) A fructosylamine oxidase derived from *Fusarium proliferatum*, which has the following physicochemical characteristics:
  - (1) It is almost equally or more active on fructosyl valine as compared to fructosyl lysine;
  - (2) The optimum pH for enzyme reaction is 7.5;
  - (3) The optimum temperature for stability of enzyme is about 30-40°C; and
  - (4) The molecular weight is about 39 kDa when estimated by SDS-PAGE, and is about 39.4 kDa when estimated by gel filtration.
3. (Original) The fructosylamine oxidase of claim 2 which comprises the amino acid sequence shown in SEQ ID NO: 4.
4. (Original) A fructosylamine oxidase derived from *Fusarium proliferatum*, which has the following physicochemical characteristics:
  - (1) It is not detectably active on fructosyl lysine but is active on fructosyl valine;
  - (2) The optimum pH for enzyme reaction is 7;
  - (3) The optimum temperature for stability of enzyme is about 30-40°C; and
  - (4) The molecular weight is about 49 kDa when estimated by SDS-PAGE, and is about 58 kDa when estimated by gel filtration.

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5. (Original) The fructosylamine oxidase of claim 4, which comprises the amino acid sequence shown in SEQ ID NO: 6.

6. (Currently Amended) A *Fusarium proliferatum* (FERM BP-8451) characterized in that it produces the fructosylamine oxidase of ~~any one of claims 1 to 5~~: claim 1.

7. (Currently Amended) A DNA encoding the fructosylamine oxidase of ~~any one of claims 1 to 5~~: claim 1.

8. (Currently Amended) The DNA of claim 7, which comprises the nucleotide sequence shown in SEQ ID NO: 3 or SEQ ID NO: 5.

9. (Currently Amended) A host cell transformed with the DNA of ~~claim 7 or 8~~: claim 7.

10. (Original) A process for preparing a fructosylamine oxidase, which comprises culturing the microorganism of claim 6 or the host cell of claim 9 in a medium and recovering the fructosylamine oxidase from the culture.

11. (Original) A method of measuring amadori compound in a sample characterized in that the fructosylamine oxidase of any one of claims 1 to 5.